



## Advanced Treatment NSF Certified Bio-COIR Packages

ATS-PKG-BC-C500, ATS-PKG-BC-C750,  
ATS-PKG-BC-C1000, ATS-PKG-BC-C1250,  
ATS-PKG-BC-C1500

### Features:

- Utilizes Coir media
- Treats wastewater to secondary levels

### Models Include:

- Treatment module(s)
- STEP pump package
- Timed dosed control panel
- 80% Recirculation Device
- Effluent filter
- Risers and lids
- Carbon filter vent
- Not included:  
Septic Tank  
External piping

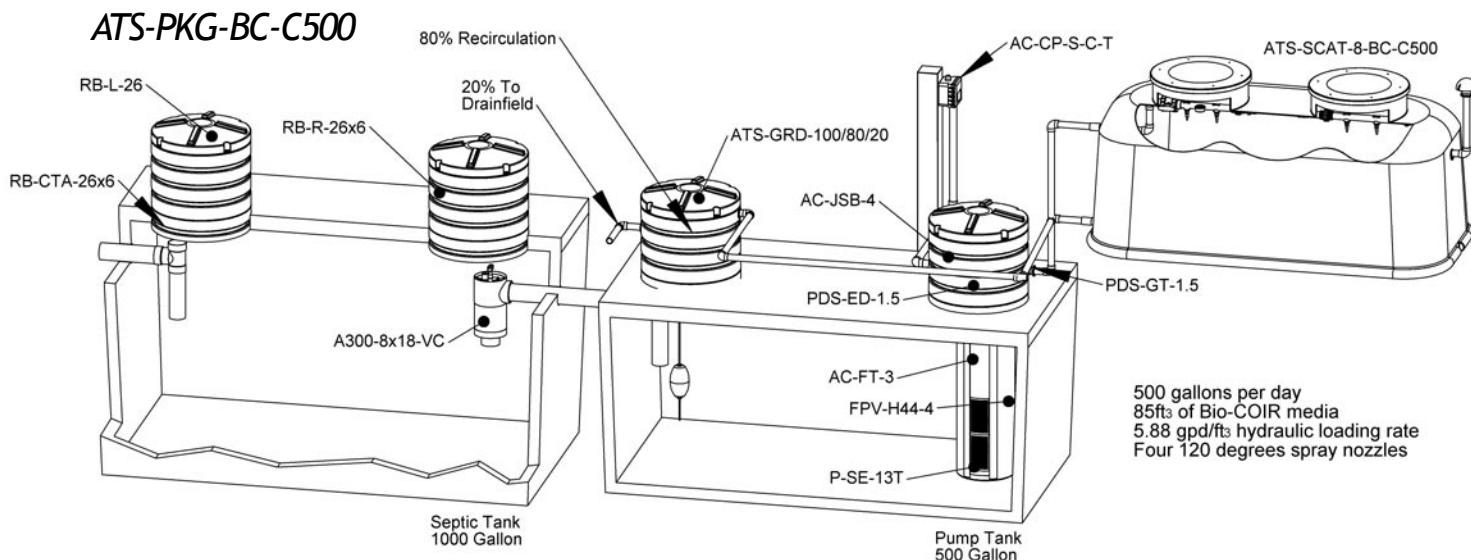
Package Specifications	
<b>Design Flow</b>	500-1500 gallons per day
<b>Tank Hydraulic Capacity at Design Flow</b> Septic Tank Pump Tank	1000-3000 gallons 500-1500 gallons
<b>Tank Hydraulic Retention Time (at design flow)</b> First Compartment Second Compartment	48 hours 24 hours
<b>Effluent Filter</b>	Zabel A300-8x18-VC or A300-8x26-VC
<b>Coir Media</b> Fiber Diameter Fiber Lengths Density Lignin content Cullulose content Loading Rate	16 microns 3-5 inches 1.40 – g/cc 44.84% 43.44% 5.88 gpd/ft <sup>3</sup>
<b>Spray Nozzles</b> Quantity Coverage Gallons per minute per nozzle	4-12 170° full cone pattern 3.2

These design specifications are per NSF certification

### Package Layouts

Package	Septic tank(s) gallons	Pump tank(s) gallons	# of treatment modules	Spray nozzles	Ft <sup>3</sup> Media
<b>C500</b>	1000	500	1	4	85
<b>C750</b>	1500	750	2	8	138
<b>C1000</b>	2000	1000	2	8	170
<b>C1250</b>	2500	1250	3	12	223
<b>C1500</b>	3000	1500	3	12	255

Check NSF Installation or O&M manuals for layouts. Also download dwg files from our website.



Certified to NSF/ANSI  
Standard 40 Class 1

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